



THE UNITED STATES PATENT AND TRADEMARK OFFICE

2181
5a
9-21-02

In re Applicant:	Steve Nishimoto	§	Art Unit:	2181
		§		
Serial No.:	09/541,780	§		
		§	Examiner:	Christopher E. Lee
Filed:	April 3, 2000	§		
		§		
Title:	Circuit and Technique to Stall	§	Docket No.	ITL.0349US
	the Communication of Data	§		(P8539)
	Over a Double Pumped Bus	§		

Commissioner for Patents
Washington, D.C. 20231

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REPLY TO OFFICE ACTION DATED AUGUST 22, 2002

Technology Center 2100

Dear Sir:

Please amend the application as follows:

In the Specification:

Please replace the paragraph beginning on line 1 of page 3 with the following:

Referring to Fig. 2, several cells 12 and 14 (cells 14a, 14b and 14c, as examples) may be serially coupled together to form a chain to relay data between the cells 14 using the double pumped technique that is described above. In this manner, the cell 12 is the first in the chain, and the cells 14 precede the cell 12 in the chain. As an example, Fig. 3 depicts signals called DP1, DP2 and DP3 that are furnished by the cells 12, 14a and 14b, respectively, and illustrate the propagation of data bits between the cells 12 and 14. For example, referring to Fig. 3, the CLK signal has a negative edge at time T₁, and in response to this negative edge, the cell 12 latches a bit (represented by the portion 50 of the DATA1 signal) for the first data set. At time T₂, the CLK signal has a positive edge, an edge that causes the cell 12 to latch a bit (represented by the portion 52 of the DATA2 signal) for the second data set. After time T₁ during the logic zero state of the CLK signal, the cell 12 begins furnishing the bit 50 to the cell 14a. It is noted that the bit 50 may not appear until after a slight propagation delay, as depicted in Fig. 3. After time

Date of Deposit: 8-29-02
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington, DC 20231.
Debra Cutrona
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